Question Paper
ANMC Question Paper 2023 - Class 7

Exam ID : TEST/2024/01/13121226 Report Generation Date : 3/26/2024 2:59:45 PM

Q1: A man sells a mare of Rs.1055 making a profit of 5.5%. The cost of the mare is:

A: Rs. 995

B: Rs. 1010

C: Rs. 1015

D: Rs. 1000

Answer: D

Q2: 66.66% of 78 students are good in Math. How many students are not good in it?

A: 33

B: 26

C: 30

D: 22

Answer: B

Q3: If a number x is 25% less than another number y and y is 25% more than 144, then value of x is:

A: 140

B: 144

C: 135

D: 130

Answer: C

Q4: A number increased by 23 1/3 % gives 37. The number is :

A: 33

B: 27

C: 28

D: 30

Answer: D

Q5: If a merchant estimates his profit as 15% of the selling price, what is the profit percent?

A: 16.25%

B: 18.45%

C: 17.65%

D: 16.78%

Answer: C

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Q6: Find 3/5 + 11/9

A: 14/14

B: 82/14

C: 82/45

D: 33/45

Answer: C

Q7: Sum of two rational numbers is 2/5. If one of them is -1/3, then find the other rational number.

A: -1/15

B: 3/8

C: -11/15

D: 11/15

Answer: D

Q8: Evaluate the following: (2/3) + (3/4 ÷ 6/7 ÷ 21/8)

A: 59/48

B: 1

C: 12/49

D: 5/3

Answer: B

Q9: What number should be added to -8/13 to get -8/5?

A: 63/65

B: -63/65

C: -64/65

D: -1

Answer: C

Q10: Find the value of: (8/3)×[-9/2 + 7/6]

A: 8 8/9

B: -(8 7/9)

C: 8 7/9

D: -(8 8/9)

Answer: D

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Q11: Which of the following rational numbers lies between 8/5 and 13/10?

A: 7/5

B: 6/5

C: 17/10

D: 11/10

Answer: A

Q12: Find the possible value of x, if 4x2 - 4x + 3 = 2

A: -1/2

B: 1

C: 3/2

D: 1/2

Answer: D

Q13: If x + 1/x = 3 then the value of x12 + 1/x12 is:

A: 104520

B: 103682

C: 100235

D: 15432

Answer: B

Q14: If (p - q) = 7 then what is the value of (p - 24)3 - (q - 17)3?

A: 0

B: 1

C: -3

D: -1

Answer: A

Q15: In a class 3/4th of the students do not know either English or Hindi. But 1/6th of the students know English. How much students know both English and Hindi if students who know Hindi are 1/9th of total students in the class?

A: 1/36

B: 1/18

C: 1/12

D: 1/30

Answer: A

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Q16: What price should Rahul mark on a pair of shoes, which costs him Rs. 1260 so as to gain 12% after allowing a discount of 16%?

A: Rs. 1680

B: Rs. 1620

C: Rs. 1660

D: Rs. 1650

Answer: A

Q17: A number decreased by 42 1/3% gives 23.067. The number is (Approx):

A: 43

B: 37

C: 40

D: 35

Answer: C

Q18: The selling price of goods which cost Rs. 14.20 and were sold at a loss of 10% is:

A: Rs. 12.78

B: Rs. 12.26

C: Rs. 12.58

D: Rs. 12.96

Answer: A

Q19: Find the cost of 23/5 meters of cloth at Rs. 137/4 per meter.

A: Rs. 3151/20

B: Rs. 3141/20

C: Rs. 3171/20

D: Rs. 3131/20

Answer: A

Q20: Which of the following forms a pair of equivalent rational numbers?

A: 28/35 and 36/45

B: 36/42 and 30/36

C: 40/45 and -35/40

D: -27/36 and -18/27

Answer: A

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Q21: The value of (-16/21) ÷ (-8/7) is:

A: -2/3

B: 3/2

C: 2/3

D: -3/2

Answer: C

Q22: If 1 – 512x3 – 24x + (184 + a)x2 = (1 – ax)3 then find the value of a.

A: 64

B: 6

C: 8

D: 16

Answer: C

Q23: Evaluate the following: 5 1/4 ÷ (27)(1/3) - 7 3/4

A: 6

B: -6

C: 4

D: -4

Answer: B

Q24: 9/5 of 7/4 of 5/6 of 4/9 of 252 is:

A: 248

B: 260

C: 294

D: 280

Answer: C

Q25: Divide 7/12 by [(2/3) of (9/8)].

A: 8/9

B: 6/7

C: 7/9

D: 7/8

Answer: C

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Q26: What is the square of product of 30/74 and 37/21?

A: 25/49

B: 25/36

C: 16/36

D: 16/49

Answer: A

Q27: Evaluate the following: [9 1/4 ÷ (64)1/3] – (3 1/4 ÷ 6 1/4)

A: 719/400

B: 713/400

C: 721/400

D: 717/400

Answer: D

Q28: 2/7 part of tank is full of water. Another 1400 liters of water is required to completely fill the tank. The capacity of the tank is?

A: 1900 liters

B: 1950 liters

C: 1960 liters

D: 1980 liters

Answer: C

Q29: 14 2/3 + 12 1/3 – 18 1/3 + 4/9 =?

A: 80/9

B: 82/9

C: 83/9

D: 85/9

Answer: B

Q30: In a class of 60 students, one day 1/5 of the students were absent. Find the number of present students on that day.

A: 48

B: 52

C: 50

D: 45

Answer: A

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